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08/862,192INFORMATION DISCLOSURE
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Use several sheets if necessary)

APPLICANT:
J. Skolnick, et al.FILING DATE
05/23/97GROUP
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AC							
AD							

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

AE	Taylor, W.R., "The Classification of Amino Acid Conservation", <i>J. Theor. Biol.</i> , Vol. 119, No. 1, pp. 205-218, March 7, 1986.
AF	Hush, D.R., et al., "Progress in Supervise Neural Networks: What's New Since Lippmann?", <i>IEEE Signal Processing</i> , pp. 8-36, January 1993.
AG	J. Skolnick, et al., "A Method for Prediction of Protein Structure from Sequence," <i>Current Biology</i> , Vol. 3, pp. 414-423, July 1, 1993.
AH	Ruppert, J., et al., "Prominent Role of Secondary anchor Residues in Peptide Binding to HLA-A2.1 Molecules", <i>Cell</i> , Vol. 74, No. 5, pp. 929-937, September 10, 1993.
AI	Lohmann, R., et al., "Neural network model for the prediction of membrane-spanning amino acid sequences", <i>Protein Science</i> , Vol. 3, No. 9, pp. 1597-1601, September 1994.
AJ	Milik, M., et al., "An Object-Oriented Environment for Artificial Evolution of Protein Sequences: The Example of Rational Design of Transmembrane Sequences", <i>Evolutionary Programming IV: Proceedings from the Fourth Annual Conference on Evolutionary Programming</i> , McDonnell, J.R., et al., eds., pp. 603-613, MIT Press, Cambridge, 1995.
AK	Schneider, G., et al., "Peptide Design in Machina: Development of Artificial Mitochondrial Protein Precursor Cleavage Sites by Simulated Molecular Evolution", <i>Biophysical Journal</i> , Vol. 68, pp. 434-447, February 1995.
AL	Tomii, K., et al., "Analysis of amino acid indices and mutation matrices for sequence comparison and structure prediction of proteins", <i>Protein Engineering</i> , Vol. 9, No. 1, pp. 27-36, January 1996.

EXAMINER

George Davis

DATE CONSIDERED

6/11/98

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)